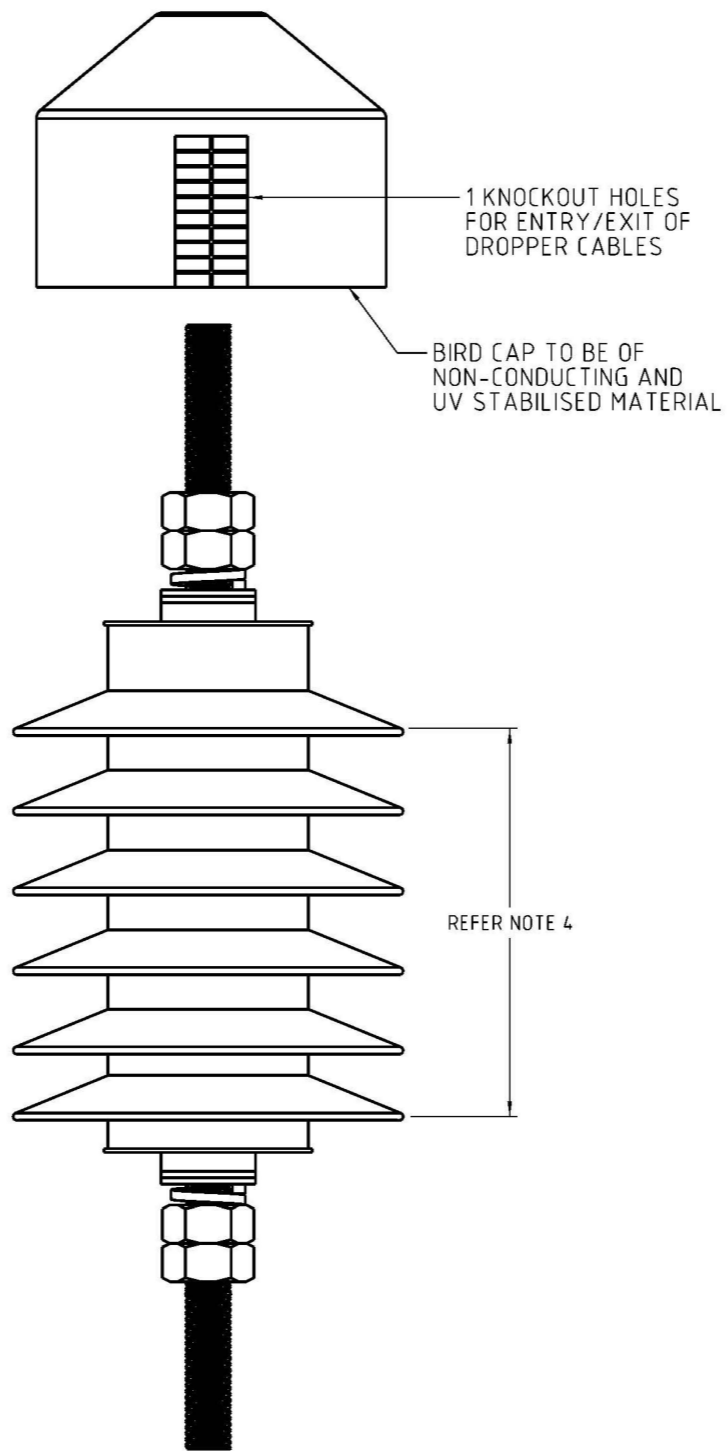


ISOMETRIC VIEW

SCALE N.T.S.



FRONT ELEVATION

SCALE N.T.S.

TAG NUMBER	1	2
ITEM NUMBER	249425	249433
SYSTEM VOLTAGE	11 kV	22 kV
NOMINAL DISCHARGE CURRENT	10 kA	10 kA
HIGHEST SYSTEM PHASE EARTH VOLTAGE	7 kV	14 kV
SYSTEM TEMPORARY OVERVOLTAGE (TOV)	9.8 kV	19.6 kV
DURATION OF TOV	2 sec	2 sec
BASIC IMPULSE LEVEL	95 kV	150 kV

ITEM 1 - SURGE DIVERTER 11 kV c/w BIRD CAP. ITEM NUMBER: 249425

ITEM 2 - SURGE DIVERTER 22 kV c/w BIRD CAP. ITEM NUMBER: 249433

NOTES:

1. SURGE DIVERTERS TO COMPLY WITH PWC SPEC. STS022.
2. INSULATOR MATERIAL TO BE POLYMERIC.
3. DIMENSIONS AND NUMBER OF SHEDS VARY DEPENDING ON VOLTAGE AND MANUFACTURER.
4. EACH SURGE DIVERTER IS TO BE PERMANENTLY MARKED WITH MANUFACTURER'S NAME, RATING AND DATE OF MANUFACTURE.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
13	UPDATED PWC DRAWING FRAME	C.C.	MAR'19	B.V.	B.V.
12	ITEMS 3, 4, 5, 6 AND 7, NOTE 3 AND 6 REMOVED	A.T.	JUN'14	B.C.	B.C.
11	ADD ITEM 7 & SURGE ARRESTER DISCONNECTOR DETAILS	K.I.	JUN'05	R.C.	C.C.
10	DETAILS CHANGED ON ITEMS 1-4	J.A.L.	APR'95	S.C.M.	P.J.D.
9	DIMENSIONS ADDED TO ITEM 4. ITEMS 5 AND 6 ADDED.	gmck	OCT'92	NS	B.T.K.
8	SURGE DIVERTERS CHANGED TO METAL OXIDE. REDRAWN AND GENERALLY REVISED.	gmck	MAY'92	NS	B.T.K.
AMENDMENTS					



DES		POWER STANDARD DRAWING	
DRN	GMCK	LINE HARDWARE	
CKD	N.STUBBS	SURGE DIVERTER - METAL OXIDE POLYMER	
APPD	B.T.KENT	HIGH VOLTAGE	
SCALE	N.T.S.	A3	DRAWING NUMBER S01-01-04-19
ISSUED	MAY 1992		
ALL DIM. IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	